

**Access Control Points and Security Fencing
Fort Riley, KS
DACA41-03-B-0001**

**Questions and Answers
Set 1, 24 Jan 03**

1. Do you know suppliers or manufacturers who make the guard booths shown on sheets 102 and 103 of the ACP drawings?

The guard booths were designed around Par-Kut International, Inc. Tom Duemling 800-394-6599. Other manufacturers include Porta-King, 800-284-5346; MFI Mardan Fabricators, 800-882-5820; BIG Enterprises, Inc., 800-669-1449; and Austin Fabricating Inc., 800-962-4147.

2. Drawings A16 and A17 appear to be identical, as do S5 and S6.

They are not identical. A16 and S5 cover the canopies at the guard booths for Trooper and Huebner gates. A17 and C6 cover the inspection canopies at those gates. The inspection canopies are adjacent to the guard booth canopies and are optional (see line items 0009 and 0010 of the bid schedule).

3. Drawings A5, A8 and A11 show sections of the gatehouse foundations but the dimensions are too small to read.

Problems with the original plans issued on CD are currently scheduled to be fixed as part of amendment 6.

4. There is a conflict between drawings C43 and A6. C43 shows the outside dimensions of the gatehouse to be 30' x 28'. A6 dimensions show 30' x 28'. Which is correct?

Sheet A6. This will be corrected as part of amendment 6.

5. How do we get a copy of the required security form?

The CD includes the form and instructions for returning it to Bud Marks in Contracting. The fax number on the CD is incorrect; please use 816-426-5169 instead.

6. In section 03300, paragraph 1.4.2.1, "Concrete slabs on-grade shall have a 28-day flexural strength of 4000 psi." Should 'flexural' be 'compressive' or is '4000' a wrong number?

'Flexural' should be 'compressive.' This was corrected in amendment 5.

7. Sheet 52 island section A-A shows a 6" slab but section B-B shows a 2'-6" slab. Whis is correct?

6" is correct. This will be changed in amendment 6.

8. Sheet 53 island section A-A shows a 3'-0" slab but section B-B shows a 2'-6" slab. Whis is correct?

3'-0" is correct. This will be changed in amendment 6.

9. Sheet 54 and 56: island section A-A shows a 3'-0" slab but section B-B shows a 2'-6" slab. Whis is correct?

3'-0" is correct. This will be changed in amendment 6.

10. In the specifications for the referenced project, on page 01500A -6, it states that "two copies of the

NAS scheduling software" is required for this project. Where do I obtain this software?

The prime contractor is responsible for purchasing and providing copies of the NAS software it plans to use to the government for our use during the contract execution. It is not government furnished.

11. Is there a borrow pit on site for fill material used during construction?

The borrow area is shown on the cover sheet of the access control points project and will be added to the fence cover sheet by amendment 6.

12. If awarded both projects, is a trailer required? Is the trailer required if jobs are separated?

Section 01500 requires one Government trailer per contract. If both projects are awarded as one contract, only one trailer would be required.

13. While onsite, I was informed that there is water and sewer available for the trailers, with a possible prop for electric and phone. What of this is true?

Utility availability is outlined in section 01500.

14. For any construction debris generated from this site; can it be placed in your landfill? Is there a charge for this, if so, how much? If not, please indicate so.

See section 01100, paragraph 1.31, outlining the construction debris landfill parameters.

15. For the clearing of the fence, does it stay on line? Sheet #G3 states "Material resulting from clearing and grubbing shall be disposed of by stock piling in areas adjacent to the cleared areas as directed by the contracting officer. All material removed must be stockpiled on government property." Please confirm how far away the adjacent areas are from the clearing areas. Is the grubbing required work or not?

Grubbing is required work per section 02230A. Adjacent by definition means in close proximity to the cleared area. A specific distance is not available. See also paragraph 1.30, section 01100, in amendment 5.

16. Are work hours restricted or not? If so, what are the available hours for work?

Work hours are not currently restricted but that will be changed as part of amendment 6 to 0730-1630 hours Monday thru Friday except on federal holidays.

17. In forming the mow strip, is it on top of any type of base or not? Where do the spoils go? Can we use dirt as the form or must we use steel or wood forms? It appears that there is a considerable amount of rock on site.

See section 02771 in amendment 5 which covers most of this information. Excess material will be disposed of at the CD landfill (used for cover).

18. Regarding options: 0014 fence – option 3, all work on drawing C38, C39, C40 and C41, US Hwy 77; is the base bid 166,500 feet? If so, if we add the above to the total, then it will be greater than the 166,500 feet. Is this true?

The 166,500 number has been deleted from the specs and is not applicable.

19. What is the actual dimension of the reinforcement mesh or what is the recess from outer edge of concrete?

It should be 1-1/2" from the outer edge of the concrete. This information will be included in amendment 6.

20. What is the frequency of the 3/8" premolded expansion joint?

This will be clarified in the revised plans as part of amendment 6.

21. General Construction Notes on G-3 state that "The contractor shall be responsible for construction staking." Will the owner provide the "coordinate points" as noted in the plans? If not, to what extent, if any, will the owner provide information for the purpose of surveying and engineering?

The coordinate points will be included as part of amendment 6.

22. May the mow strip and fence post footings be performed in a monolithic concrete pour?

This will be clarified in amendment 6. A monolithic pour can be done but joints will be needed in key locations. The revised plans will outline the joint requirements.

23. On sheet C-15 at the Estes Rd. access point, there is no notation of fencing being required around the security station. The fence ends at 161+90 and starts again at 172+90. Is a fence and gravel road required in that area under PN57482?

The fence does not end or start at these locations; the new fence is attached to existing fencing and gates at those locations then continues on around the access control point. The fence and gravel road are shown on C-15 and are required as part of the fence project.

24. There is no selection of chain link fence fabric noted on 02821a-2. If it is galvanized, what is the amount of zinc coating that will be required? Type 1 or Type 2?

See revised section 02821 in amendment 5.

25. General Construction Notes on G-3 state: "Material resulting from clearing and grubbing shall be disposed of by stockpiling in areas adjacent to the cleared areas...." In 02230a-2 of the specifications, it is noted that trees are to be removed from areas designated for clearing and grubbing and disposed of as specified. Further, it is specified that they shall be disposed of by piling into brush piles to form wildlife habitat at locations as directed Are the locations for stockpiling and/or piling into brush piles to be "adjacent to the cleared areas?" What, if any, of the trees, stumps, and other materials are not permitted to be piled adjacent to the cleared areas?

This is clarified in amendment 5; see section 01100, paragraph 1.30.

26. Is any soil boring data available beyond the information relating to the Rock Depth Chart as noted in the plans?

No additional boring information is available in the fence project. Boring data in the gate areas are included in the access control point plans; see sheets C78 through C97.

27. Fence post concrete foundation details on C-42 are somewhat in conflict with dimensions noted on C-43. The individual difference is not great, but the multiplier is significant for the quantities required on this project.

This will be corrected in amendment 6.

28. Specification Section 02771 does not specify expansion and contraction joint spacing for the concrete mow strips. It also refers to 02754a for concrete specifications. Do you want 5000 psi concrete for the mow strip?

Section 02771, paragraph 3.4 in amendment 5 addresses the specification issue. Amendment 6 revised plans will include additional information regarding joint spacing.

29. Confirm no mow strip is required for the hwy 77 fence shown on drawings C38-C41.

There is no mow strip on highway 77.

30. Drawings C3 & C4 do not give enough elevations and contours to determine the height of the fill to be added to the shoulder as shown on "Typical Road Cross Section" shown on drawing C3. Could we get an average embankment height for estimating purposes?

Cross section sheets are added by amendment 6.

31. Drawing C1 shows removal of the existing area inlet and a portion of pipe. The other drawings of this site (C2-C6) show the existing inlet remaining and addition of another inlet. Which is correct?

Remove the existing inlet and pipe as shown on C1. Install new inlet where shown on C5. Removal is not shown on every sheet to avoid clutter.

32. Drawing C1 shows removal of existing chain link fence. Drawing C2 shows fence back in the same location. Is the existing fence reset or is new fencing required?

Sheet C1 "New Fence Construction" is shown on Security Fencing Plans C23. Removal is not. Remove existing chain link fence to the limits shown on sheet. Not shown on every sheet to avoid clutter.

33. Drawing C5 shows the construction of a new area inlet and says see details sheet C58. Sheet C58 shows only a typical manhole detail. It does not show an area inlet.

The details on C58 will be revised by amendment 6.

34. Seq. #37 at gate #11 note shows 90" wide island, but Seq. #54 shows Huebner Road island 72" wide, which is correct? Seq. #53 same question.

The note on Seq.#37 has been revised to protect a 72" median by amendment 6.

35. Seq. #54 plan shows dimension 76' long, but dimensions add up to 79 feet.

The dimensions have been revised by amendment 6.

36. Seq. #54 plan total dimension equals 87.5', but section B-B total dimension equals 88 feet. Which is correct?

The dimensions have been revised by amendment 6 to total 87.5 feet.

37. Is the entire fence alignment staked-out so it can be easily located by the bidders?

The Contractor is responsible for staking the fence alignment.

38. Will the fence post excavations require rock to be removed?

In areas designated on the drawings of amendment 6. The fencing specification revised by amendment 5 addresses rock excavation requirements.

39. If rock is to be removed will the bidders be provided with the rock type, classification, competency and hardness?

The rock type indicated on the drawings source reference is included in amendment 6, sheet G2, fence.